

## SARS-CoV-2 (COVID-19) Spike S1 antibody

### General Information

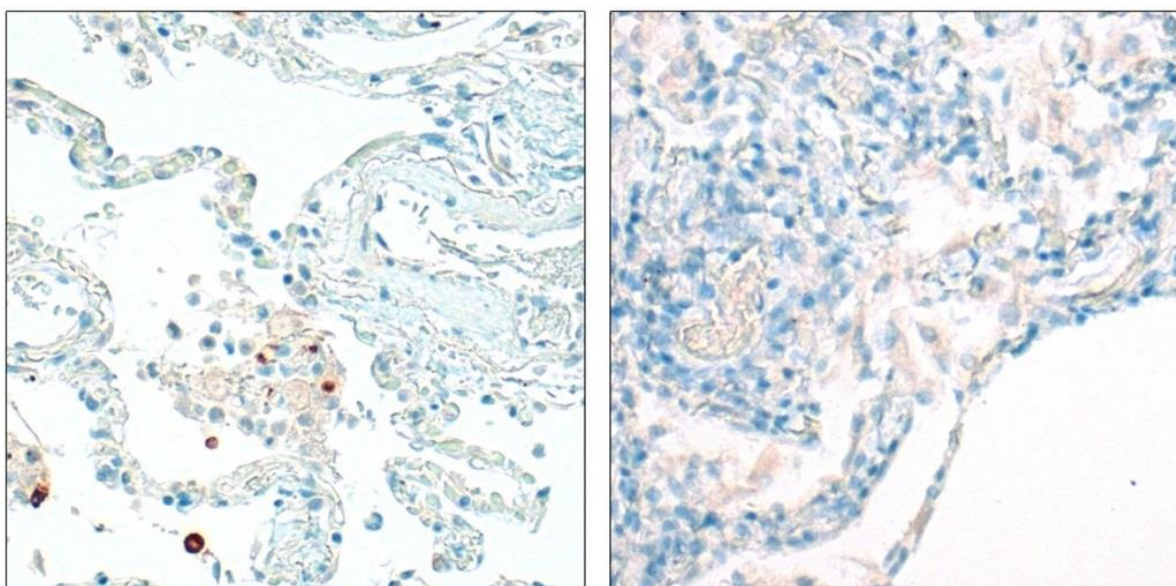
|                        |                              |                            |   |
|------------------------|------------------------------|----------------------------|---|
| <b>Catalog Number:</b> | <b>IHC-184008</b>            | <b>Host:</b>               | Rabbit  |
| <b>Quantity:</b>       | 100 µl                       | <b>Clonality:</b>          | Polyclonal  |
| <b>Concentration:</b>  | 1mg/ml                       | <b>Isotype:</b>            | IgG   |
| <b>Form:</b>           | Liquid                       | <b>Application:</b>        | IHC-P, not tested in other applications.  |
| <b>Buffer:</b>         | 1xPBS (pH7),<br>20% Glycerol | <b>Suggested dilution:</b> | 1:100-1:1000, optimal dilutions should be determined by the researcher.                                       |
| <b>Preservative:</b>   | 0.025% ProClin 300           | <b>Specificity:</b>        | SARS Coronavirus 2  |
| <b>Purification:</b>   | Protein A affinity           | <b>Immunogen:</b>          | Recombinant protein, N-terminal sequence of SARS-CoV-2 (COVID-19) spike (S1) (SARSCoV-2 (strain Wuhan-Hu-1)). |
| <b>Conjugation:</b>    | Unconjugated                 |                            |   |

### Reactivity



This antibody detects SARS-CoV-2 Spike protein, but does not cross-react with SARS-CoV or MERS-CoV spike proteins. The antibody has been validated for the specific detection of SARS-CoV-2 Spike S1 protein in paraffin-embedded human tissue specimen by routine immunohistochemistry.

### Figures

Immunohistochemistry of SARS-CoV-2 (COVID-19) spike (S1) in formalin-fixed paraffin-embedded human lung tissue sections with anti-spike S1 antibody IHC-184008: Infected lung (left) versus normal control lung (right).



(Pictures courtesy of F. Heinrich, S. Krasemann, Center for Diagnostics, University Hospital Hamburg Eppendorf, UKE, Germany)

|   |   |   |   |   |
|---|---|---|---|---|
| <b>This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.</b>       |   |   |  | Management System<br>ISO 9001:2015<br> |
| <b>Manufacturer</b><br><b>BIOZOL</b><br>Diagnostica Vertrieb GmbH<br>Leipziger Straße 4<br>85386 Eching | Phone +49 (89) 3799 666 6<br>Fax +49 (89) 3799 666 99<br>E-mail info@biozol.de<br>www.biozol.de | <a href="http://www.dianova.com">www.dianova.com</a><br>Powered by BIOZOL |   |   |

## Storage

Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

## Application Note

For laboratory use only.

Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

## Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

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### Manufacturer

**BIOZOL**  
Diagnostica Vertrieb GmbH  
Leipziger Straße 4  
85386 Eching

Phone +49 (89) 3799 666 6  
Fax +49 (89) 3799 666 99  
E-mail [info@biozol.de](mailto:info@biozol.de)  
[www.biozol.de](http://www.biozol.de)

[www.dianova.com](http://www.dianova.com)

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